

### Abstract of the Disclosure

A method for processing a synchronous message in an asynchronous mobile communication system including an asynchronous mobile station and an asynchronous radio network, comprises the steps of: when a synchronous core network is interlocked with the asynchronous radio network, generating a system information block based on a header information provided from the synchronous core network; formatting the generated information block into a system information message; and transmitting the system information message to the asynchronous mobile station via a channel.